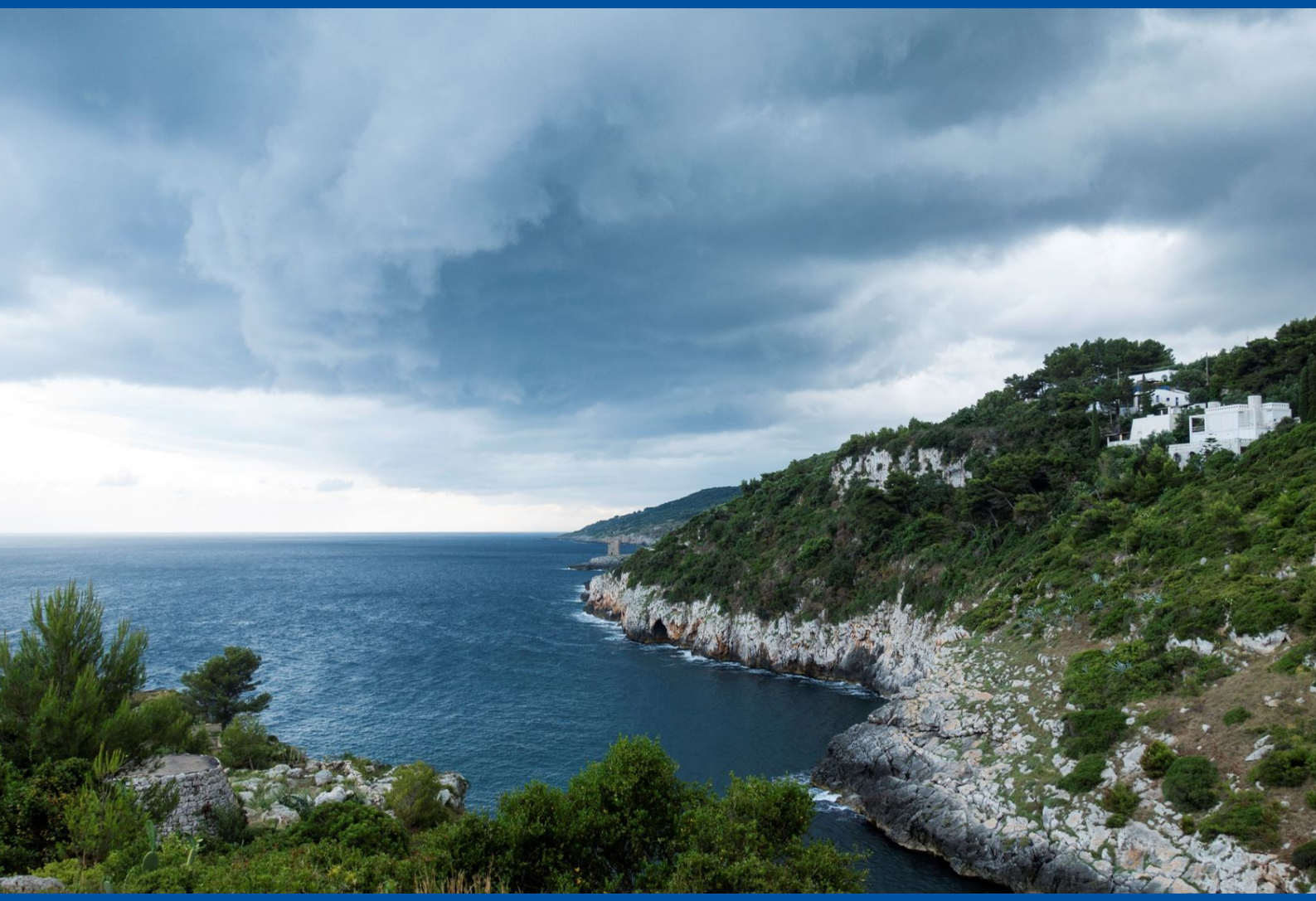
CIHEAM
COASTAL ZONE MANAGEMENT AND FISHERIES

2020-2022
PORTFOLIO



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Coastal Zone Management and Fisheries

PORTFOLIO 2020-2022

Contents

POSTGRADUATE EDUCATION

MASTERS ACRONYM AND TITLE	Master in GEOINFORMATION IN ENVIRONMENTAL MANAGEMENT
ECTs	120 (2 years; 1st year consists of taught courses and the 2nd year of the development of a research thesis
OFFERED/ MANAGED BY	CIHEAM- CHANIA
PARTNERS	The courses are mostly delivered by visiting professors, who originally held an academic position at an HEI, in a range of countries around the world. During the second year, students' thesis is also supervised by members of academia.
START/END DATE	For the 2021/22 academic year: October 2021 – June 2022 For the next 2022/23 academic year: October 2022 – June 2023
CRITERIA OF ADMISSION	- Holder of an undergraduate degree of a minimum duration of 4 years (240 ECTS) in relevant fields of agriculture, environmental science & engineering. - Good knowledge of the English language.
GENERAL DESCRIPTION	The programme of Geoinformation in Environmental Management focuses on the ever-growing demand for highly specialized and effectively educated scientists to tackle significant environmental issues in today's natural environment, with the assistance of geoinformation and relevant tools, leading to a Master of Science.
OBJECTIVES	The course aims to provide specialization in the management of Mediterranean ecosystems, Geographical Information Systems and Remote Sensing technologies, and the use of decision support tools for strategic and environmental impact assessment within the environmental policy and legislative framework of the European Union.
TOPICS	- Land Cover / Land Use Change - Environmental Resource Management - Climate Change Impact Monitoring - Landscape Ecology - Soil Erosion Risk Assessment - Land Surface Phenology - Precision Agriculture - Coastal Zone Management - Forest Fire Risk Assessment - Management of Mediterranean Ecosystems
How does it contribute to the inclusion of young people and the empowerment of women?	Most of the students were between the ages of 22 and 28, having recently completed their undergraduate studies. Whenever possible, an equal distribution of male and female students was maintained, with the recent 10 editions of the course having no less than 40% of students of either gender. Approximately one-third of the MSc graduates proceed with doctorate studies in an HEI in the EU, US, or Canada, with approximately 50% of those being women.

FEES AND SCHOLARSHIPS	Tuition fees are waived for all accepted students and students from CIHEAM member countries are also awarded a scholarship.
CERTIFICATES/ (Professional) DIPLOMA	Students that complete the first year of studies, but do not continue to the second year are awarded the Master of MAICh, worth 60 ECTS, while those completing both years are awarded the MSc degree, by the CIHEAM.
WEBSITE	https://www.iamc.ciheam.org/en/education/master_of_science/enm

MASTER'S ACRONYM AND TITLE	Master in AQUACULTURE
ECTs	It is structured in two parts (120 ECTS) held in two academic years. It is an official Master of the Spanish university system within the European Space for Higher Education framework.
ORGANIZED BY	The Master's programme is jointly organized by CIHEAM ZARAGOZA and the University of Las Palmas de Gran Canaria (ULPGC).
START/END DATE	The Master is offered every two years. October 2020 – June 2021 / September 2021 – June 2022 October 2022 – June 2023 / September 2023 – June 2024
CRITERIA OF ADMISSION	- Higher university degree or equivalent, related to the theme of the course. - Knowledge of Spanish, the working language of the course. Also, knowledge of English will be evaluated. *The CIHEAM organized an intensive Spanish course online between July and September 2022 for those participants who required it.
GENERAL DESCRIPTION	The first part, the Postgraduate Specialization Course, includes lectures, practical work, field visits, and laboratory techniques. These activities are supplemented by seminars and open discussions. The course is taught at the Scientific and Technological Park and requires full-time participation. The total duration of the course is 600 teaching hours. The research project and the thesis required for obtaining the title of university Master take place in the second part. The thesis may take place at the headquarters of their host institutions, research centres, and companies belonging to the teachers who collaborate in the programme.
OBJECTIVES	- Become acquainted with the most innovative scientific and technological bases of the different specialties (genetics, nutrition, reproduction, pathology, engineering, etc.) which support the development of aquaculture. - Acquire practical experience in production methods and techniques. - Become familiar with the different production systems of the species that are most relevant at the world level, with special emphasis on the Mediterranean species. - Become acquainted with the necessary requirements to elaborate and develop a modern aquaculture project. - Acquire basic knowledge of the technical and commercial management of aquaculture businesses. - Be initiated into research, critically applying acquired knowledge, capacities, and abilities to the treatment of problems related to aquaculture. - Exchange experiences and points of view, enhanced through a programme developed in a highly international and interprofessional context.
TOPICS	- most innovative scientific and technological bases that support the development of aquaculture. - techniques of commercial production of the most relevant worldwide species, with special emphasis on the Mediterranean species.

Contribution to United Nations Sustainable Development Goals	Compared to other animal productions, the production of aquaculture fish is more sustainable as requires less feed (better Conversion Rates), has a lower environmental impact (lower carbon footprint), and consumes less fresh water, in this way, aquaculture responds to some of the United Nations Sustainable Development Goals (SDGs), such as: ending poverty (SDG 1), eradicating hunger and better nutrition (SDG2) and promoting sustainable economic growth (SDG 8). With respect to SDG 14 (Conserve and sustainably use the oceans, seas, and marine resources), target 14.7 recognizes the potential of aquaculture that can contribute to alleviating poverty, hunger, malnutrition, and economic growth.
How does it contribute to the inclusion of young people and the empowerment of women?	The Master's program also responds to: SDG 4 (Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all), as CIHEAM, finances the participation of young graduate students giving preferences to candidates from low and medium incomes. SDG 5 (Achieve gender equality and empower all women and girls), as both ULPGC and CIHEAM, look after avoiding any discrimination in the selection of candidates and the participation of lectures. In the last three editions, the percentage of women has reached 46% of students.
FEES AND SCHOLARSHIPS	- Registration fees are set by the Government of the Canary Islands (approximately 16 euros per credit). These fees cover the documentation of the course, attending lectures, seminars, and practicals, and the costs of study tours and visits. They will not cover travel costs, lodging, and food. - Various public and private agencies may grant scholarships to participate in the programme. These scholarships may cover all or part of the registration fees. - In http://www.fulp.ulpgc.es, one can also find several convocations for scholarships for postgraduate studies. - Candidates from CIHEAM member countries may apply for scholarships covering registration fees, and for scholarships covering the cost of full board accommodation. Scholarships will be awarded according to academic merit, and candidates from developing countries will be given preference. - Candidates from West African Countries (Senegal, Mauritania, Ghana, Gambia, Ivory Coast, Cape Verde, Guinea Conakry, Sierra Leona, Guinea Bissau, and Liberia) may apply for a registration fee grant sponsored by the Canary Islands Government, which must be requested through the Master organization. - For the second part of the Master, students conducting their research project in a Spanish province outside Las Palmas may opt for aid through the student mobility programme (Modalidad B) of the Spanish Ministry of Education. Students may also apply to the Erasmus+ programme for traineeship mobility grants to other European countries.
CERTIFICATES/ (Professional) DIPLOMA	- FIRST YEAR: Postgraduate Specialisation Diploma awarded by the CIHEAM. - SECOND YEAR: master's degree (120 ECTS). The official Spanish degree will be awarded by ULPGC, and CIHEAM will award its Master of Science Degree.
WEBSITE	https://www.iamz.ciheam.org/en/education/masters/fisheries https://ciencias.ua.es/en/estudios/master-s-degrees/master-s-degree-in-sustainable-fisheriesmanagement.html

MASTER'S ACRONYM AND TITLE	Master in SUSTAINABLE FISHERIES MANAGEMENT
ECTs	It is structured in two parts (120 ECTS) held in two academic years. It is an official Master of the Spanish university system within the European Space for Higher Education framework.
ORGANIZED BY	Jointly organized by CIHEAM Zaragoza and the University of Alicante (UA).
PARTNERS	The Spanish Ministry of Agriculture, Fisheries, and Food (MAPA), through the General Secretariat of Fisheries (SGP). The General Fisheries Commission for the Mediterranean (GFCM) and the Fisheries and Aquaculture Department of the United Nations Food and Agriculture Organisation (FAO) provide technical support within the limits of their respective mandates.
START/END DATE	The Master is offered every two years. - Current edition: 1st part: October 2021 – mid-June 2022 / 2nd part: September 2022 – June 2023 - Next edition: 1st part: October 2023 – June 2024 / 2nd part: September 2024 – June 2025
CRITERIA OF ADMISSION	The course is designed for a maximum of 25 participants who must meet the following criteria: - University degree related to the topic of the Master; preference is given to graduates in Biology, Marine Science, Economics, Administration and Business Management, Law, Agronomy, and Fisheries engineering. - Knowledge of Spanish (the working language of the course). * intensive Spanish courses are offered to help students reach the required level. - Understanding of English. - Evaluation of the candidate's academic record (75%) and professional experience (25%) in the area of specialization.
GENERAL DESCRIPTION	The first part of the Master (60 ECTS) is professionally oriented and is held in Alicante, at the Faculty of Science of the UA. The program is delivered by highly specialized lecturers from the organizing institutions and distinguished guest lecturers belonging to international institutions and universities, research centers, administrations, and private bodies from various countries. This part is made up of complementary but independent units so that participants may attend if they wish, only one or several units. During the second part of the Master, participants complete 60 ECTS focusing on the introduction to research, external practicals, and the completion of a thesis (Final Master Project) based on the results of original research work. This part is conducted at the University of Alicante or other collaborating institutions and lasts for 10 months.
OBJECTIVES	The objective of the Master is to provide high-level specialization in issues related to the economics and management of fishing activity through: - An analysis of the fishing system, exploitation mechanisms, marketing, and management, with special emphasis on the perspective of evaluation of resources and on the economic interpretation of fishing issues.

	- A multi-disciplinary vision of fisheries management from the perspective of different sciences such as biology, economics, law, and sociology. - Acquisition of experience in the use of new techniques and methods for the development of a more efficient fisheries management, adapted to the conditioning of social and environmental factors. - An initiation in research, including a critical application of the knowledge, skills, and competencies acquired by tackling real problems related to the management of the f fishing activity.
TOPICS	- Introduction to the marine ecosystem, fishery resources, and aquaculture - Statistical analysis and database use - Dynamics of exploited fish populations - Theory and models for fisheries - Basic economics and production factors in fisheries - Fish trade and processing - Theory and application of bioeconomic models and economic and social indicators - Institutional framework: cooperation and research - Maritime law and socio-cultural perspective - Objectives and instruments for fishing policies - Applied fisheries policies
Contribution to United Nations Sustainable Development Goals	The Master in Sustainable Fisheries Management responds directly to several targets and indicators of SDG 14(Conserve and sustainably use the oceans, seas, and marine resources for sustainable development): 14.4 Regulate a Sustainable Fishing Exploitation 14.6 Combat illegal and excessive fishing 14. b. Facilitate access for small-scale artisanal fishers to marine resources and markets. 14. c Improving the conservation and sustainable use of the oceans and their resources by applying international law.
How does it contribute to the inclusion of young people and the empowerment of women?	CIHEAM, finances the participation of young graduate students, giving preferences to candidates from low and medium incomes UA and CIHEAM, look after avoiding any discrimination in the selection of candidates and the participation of lectures. In the last three editions, the percentage of women has reached 41% of students.
FEES AND SCHOLARSHIPS	- Registration fees for each academic year of the master's amount to approximately 2400* euros. This sum covers the documentation for the course, theoretical and practical classes, seminars, and the cost of the technical trip and visits. They will not cover travel costs, lodging, and food. - Several private and public bodies may award scholarships to take part in this programme, providing students with total or partial aid to pay for the registration fees. Several aid schemes for postgraduate studies can be found on the master's website, in the Scholarships and specific aid section. - Candidates from CIHEAM member countries may apply for scholarships covering registration fees, and for scholarships covering the cost of full board accommodation. Scholarships will be awarded according to academic merit, and candidates from developing countries will be given preference.

	- The Association of Large Tuna Freezers (AGAC) has offered two scholarships in the current edition for candidates from Comoros covering the Spanish language course, registration fees for the Master, and travel and living expenses. - For the second part of the Master, those students doing a curricular external internship or the FMP at national or international companies and institutions are entitled to apply for the mobility grant offered by the University of Alicante's Faculty of Science. - Also, for the second part of the Master, and pending confirmation, the General Fisheries Commission for the Mediterranean (GFCM) and the FAO Fisheries Division will offer financial support (Internship Programme) for students wishing to prepare their master's thesis on a topic of specific interest.
CERTIFICATES/ (Professional) DIPLOMA	- FIRST YEAR: Postgraduate Specialization Diploma awarded by the CIHEAM. - SECOND YEAR: Master's Degree (120 ECTS, after submitting and defending the Master Thesis). The official Spanish degree will be awarded by UA, and CIHEAM will award its Master of Science Degree.
WEBSITE	https://www.iamz.ciheam.org/en/education/masters/aquaculture https://www2.ulpgc.es/index.php?pagina=plan_estudio&ver=wpe002&codTitulacion=5013&tipotitulacion=M

POSTGRADUATE COURSE ACRONYM AND TITLE	Postgraduate Course on SUSTAINABLE DEVELOPMENT OF COASTAL COMMUNITIES
ECTs	For a final score higher than (70) 20 credits are attributed. These credits will be recognized in the case of further participation in CIHEAM Bari courses.
OFFERED/ MANAGED BY	CIHEAM- BARI
PARTNERS	In collaboration with FAO and GFCM
START/END DATE	Delivered on an annual basis: - May 9 – July 15, 2022 (3rd edition) - 3 May- 9 July 2021 (2nd edition)
CRITERIA OF ADMISSION	The course is addressed to 14 officials from the Ministries of Agriculture and Fishery, of Mediterranean and IORA countries. This course is designed to assist representatives from the government and related authorities, who are directly involved in the planning of coastal uses: - Policymakers or advisors. - National fisheries administration officials. - Mid-level managers, technical staff, and field personnel who are involved in the planning and development of coastal zones. - Planners, policy formulators, and program managers who are involved in marine spatial planning. They are nominated by the competent Ministries in which they are employed, who authorize the pre-selected candidates to apply for this course through the online procedure of the CIHEAM Bari website. After the selection made by CIHEAM Bari staff, through the evaluation of files and a personal interview (call conference), one participant per country is chosen. The 14 final participants benefit from full scholarships covering all course expenses (travel, board, lodging, insurance, and pocket money).
GENERAL DESCRIPTION	The program is specially built on the principles and practices of sustainable coastal development, in particular planning and management, technical and legal aspects, considering environmental, social, and administrative issues for the development process. Participant countries: Albania, Algeria, Egypt, Kenya, Lebanon, Libya, Mauritania, Mozambique, Tunisia, Senegal, Somalia, Sudan, and Italy.
OBJECTIVES	The course aims to strengthen stakeholders' capacities, develop, and implement integrated management policies, strategies, and tools, focusing especially on stakeholders' empowerment, offering a comprehensive view of the Blue Economy explored through a cross-sectoral approach.
TOPICS	- INTRODUCTION TO THE BLUE ECONOMY PRINCIPLES - COASTAL COMMUNITY DEVELOPMENT - STRATEGIES AND COMMON PLANS FOR COASTAL MANAGEMENT - METHODOLOGIES AND TOOLS FOR DESIGNING AND PLANNING DEVELOPMENT ACTIONS IN THE COASTAL AREAS - TERRITORIAL PLAN AND INTEGRATION OF COASTAL ACTIVITIES - SUSTAINABLE SEAFOOD VALUE CHAIN - STRATEGIES AND COMMON PLANS FOR COASTAL MANAGEMENT AND AQUACULTURE PRODUCTION - INNOVATIVE APPROACH FOR A SUSTAINABLE COASTAL COMMUNITY

FEES AND SCHOLARSHIPS	The 14 final participants have benefited from full scholarships covering all course expenses (travel, board, lodging, insurance, and pocket money).
CERTIFICATES/ (professional) DIPLOMA	Tests, reports, and project work receive a score comprised of between 0 and 100. Grading measures the participant's learning level, both in absolute terms and compared with peer performance. It is based on the participant's participation in all training activities organized as part of the course. At the end of the course, successful participants have been awarded a Certificate of Attendance accompanied by a transcript of records.
WEBSITE	https://www.iamb.it/en/education/lifelong_learning/sustainable_development_of_coastal_communities

ADVANCED COURSES FOR PROFESSIONALS

TRAINING COURSE ACRONYM AND TITLE	Specialized course for Fisheries Scientific Observers
OFFERED/ MANAGED BY	CIHEAM Zaragoza
PARTNERS	The General Secretariat of Fisheries (SGP) of the Ministry of Agriculture, Fisheries, and Food (MAPA)
START/END DATE	Two editions (Spanish edition and French edition) have been held in 2022 Duration: 1 week, (mornings and afternoons sessions). It takes place on the Intermares cooperation vessel (moored in the Port of Alicante), which has classrooms and laboratories for practical training. The Spanish edition- 26 to 30 September 2022. The French edition - 3 to 7 October 2022. The next edition in English: September 2023.
GENERAL DESCRIPTION	Sustainable fisheries management must be based on adequate knowledge of the status of fish stocks and compliance with management strategies, regulations, and fisheries policies. For this, it is essential to obtain data about the fishing activity, among which the data dependent on the fishery have a prominent role and are collected by scientific, trained, and specialized personnel, on board fishing boats. The work as a scientific observer in fishing vessels, provides knowledge of the mechanics of fishing operations, the operation of gears, and a complete view of the composition of the catches in the fishery, including the commercial catch and the unwanted catch that results in discards and accidental capture of protected species. The scientific observation of fishing includes work of various kinds such as triaging and identification of the species caught, carrying out the size and biological sampling, collection of biological samples for growth, reproduction, feeding, and genetic studies, as well as the marking of marine species for migration and survival studies. In addition, observers monitor by-catches of species protected or vulnerable to fishing (marine mammals, turtles, and sharks). Course in Spanish: The course counted on the participation of 25 participants with a university degree (Biology, Marine Sciences, Fisheries Engineering, or related). Priority was given to students and graduates of different master's programmes related to the Assessment of Marine Resources and Fisheries Management. Course in French: The course counted on the participation of 17 experts with university training (in Biology, Marine Sciences, Fisheries Engineers, or related specialties), from research or training institutions in Algeria, Morocco, and Tunisia. Course contents were delivered by 9 fishery experts from the Spanish Oceanographic Center (IEO-CSIC), the Spanish General Secretariat of Fisheries (SGP-MAPA), the University of Alicante, and the General Fisheries Commission for the Mediterranean (GFCM-FAO).
OBJECTIVES	To train professionals from different disciplines who want to participate in fisheries monitoring campaigns as scientific observers. At the end of the course, participants will be able to: ● Have a complete view of the sampling methodology of the composition of catches in the fishery, knowledge of the mechanics of fishing operations, and the operation of fishing gear.

	• Acquire the basis to carry out work of different kinds (triage and identification of captured species, size, biological sampling, marking of marine species). • Gain experience in onboard observation through case studies led by renowned experts in the field. • Have criteria to select the most appropriate sampling methods according to the fisheries and the requirements of the different scientific monitoring programs. • Understand the applications of new technologies for scientific fisheries monitoring and fisheries surveillance. • Appreciate the importance of data integration and analysis in fisheries monitoring. • Know the procedures, protocols, and guidelines of different Regional Fisheries Organizations and Scientific Councils to monitor fishing activities through onboard observer programs around the world.
TOPICS	0. Visit Ship. Emergency exercises (2 hours). 1. Introduction: Scientific sampling of fisheries. (1 hour). 2. Obtaining fisheries data. (1 hour). 3. Observation programs on board fishing vessels (2 hours). 4. Design of fisheries observer programs. (2 hours). 5. Fisheries observation methodology 6. Taxonomic identification of fishery species. Identification guides (1 hour). 7. Databases and technical reports (2 hours). Roberto Sarralde (CSIC-IEO). 8. Scientific observer programmes: 9. Databases and technical reports (1 hour). 10. Fisheries Surveillance and Fight against Illegal Fishing (4 hours). 11. Collection of fisheries data within the EU framework. 12. Practical (7 hours). The conferences will be complemented by practices for data collection and analysis of biological sampling, which will be developed in the classrooms and laboratories of the Intermares Ship.

TRAINING COURSE ACRONYM AND TITLE	Advanced course on Fisheries Monitoring, Control, and Surveillance (MCS)
OFFERED/ MANAGED BY	CIHEAM Zaragoza
PARTNERS	FAO Fisheries and Aquaculture Division
START/END DATE	From 27 June to 8 July 2022, in morning and afternoon sessions.
GENERAL DESCRIPTION	A proper MCS system allows states to effectively implement their fisheries management policy. Notwithstanding its importance, many states lack the required expertise in MCS matters, making it difficult to reach key fisheries management policy objectives. The course counted on the participation of 23 experts from 17 countries. Participants came from fisheries management administrations and competent authorities in fisheries control and monitoring, and technical advisors from research centers and private companies. Course contents were delivered by 12 guest lecturers from FAO, the Spanish General Secretariat of Fisheries, the Italian Ministry of Agriculture, and the European Fisheries Control Agency.
OBJECTIVES	By the end of the course, the participants should: - Be able to define required data for statistics in support of fisheries management and evidence-based policymaking. - Recognize the need for fisheries statistical systems to be robust and accurate and, at the same time, cost-effective and sustainable. - Be able to define the most efficient data collection methodology (census or sampled-based approach), according to the country specificities. - Become familiar with the fundamental principles of sampling that have a direct impact on the reliability of the derived statistics. - Be aware of the importance of the use of international standard classifications, concepts, and definitions to enable harmonized information exchange and reporting. - Get knowledge of the growing use of modern communication tools in data collection, processing, and reporting.
TOPICS	Fisheries monitoring, control, and surveillance, both in theory and practice. In particular, the course provides: i) an overview of fisheries management; ii) an introduction to MCS; iii) MCS information (types, sources, uses, and management); iv) MCS programmes and schemes; v) technology used in fisheries MCS; vi) technical aspects of fisheries enforcement, and vii) introduction to the FAO Port State Measures Agreement (PSMA) with due emphasis on interagency coordination, cooperation, and information exchange.

TRAINING COURSE ACRONYM AND TITLE	Seminar on Sustainability certification: harnessing the potential for small-scale fisheries and aquaculture
OFFERED/ MANAGED BY	FAO-CIHEAM Zaragoza
START/END DATE	18-19 May 2022 (10.00-12.30 CET)
ADMISSION	Online registration required.
GENERAL INFORMATION	The Seminar was held online in two sessions on the 18th and 19th of May 2022 from 10:00 to 12:30 Central European Time (CET), using Zoom.
OBJECTIVES	To provide an overview of the current status of sustainability certification schemes and discuss constraints and trends in fisheries and aquaculture with a special emphasis on small-scale operations. Selected case studies from Africa, America, Asia, and Europe were also presented
SUBJECTS COVERED/ LIST OF COURSES	- Overview of fish trade and certification - Overview of fish trade and certification - Investing in eco and quality labels? Evidence from the fishing industry and artisanal sector - Certification in Africa: overview and trends (- Harnessing collaboration and visibility: Seafood MAP - Certification in Asia: overview and trends - Organic aquaculture in Asia/Europe - Capacity-building schemes for small-scale and aquaculture - Supporting small-scale fish producers through market differentiation - Strengthening sustainable fish value chains through geographical indications
ACCESS TO ALL PRESENTATIONS	https://seminars.iamz.ciheam.org/certificationiyafa2022/

TRAINING COURSE ACRONYM AND TITLE	Online Advanced Course on Aquaculture Epidemiological Surveillance
OFFERED/ MANAGED BY	CIHEAM Zaragoza and the EU H2020 funded project MedAID (Mediterranean Aquaculture Integrated Development, Grant agreement No 727315).
PARTNERS	Universidad de Zaragoza.
START/END DATE	from 23 September to 28 October 2021
GENERAL DESCRIPTION	The course was designed to provide participants with a sufficient understanding of epidemiological approaches and principles so that they can apply them to their work. The course was structured into five topics and at the end of the theoretical part, different experts have been invited to hold an online session delving into the most important aspects of each topic.
OBJECTIVES	- Specifically, the course aimed to raise awareness of epidemiology so that the participants can constructively work with epidemiologists and understand, interpret, and use the results of epidemiological studies. - Specifically, the course aims at: - Better understanding of the principles of disease causality. - Learn how to investigate an outbreak of disease. - Identify the transmission route for the propagation of diseases and apply appropriate biosafety measures. - Interpret the results of diagnostic tests at the population level considering sensibility and specificity. - Acquire knowledge on how to calculate the sample sizes needed to determine the absence and prevalence of the disease. - Expand your knowledge of associations between diseases and risk factors - Meet first-line international experts in this field and share professional experiences and concerns with them.
TOPICS	- Introduction to epidemiology - Introduction to epidemiological surveillance - Study and analysis of the disease - Prediction of disease: risk and modeling - Tools for control and eradication

TRAINING COURSE ACRONYM AND TITLE	MedAID Online Advance Course on New feeds and feeding technologies in aquaculture
OFFERED/ MANAGED BY	CIHEAM ZARAGOZA and the EU H2020 funded project MedAID (Mediterranean Aquaculture Integrated Development).
PARTNERS	EU H2020 projects PerformFISH (Integrating Innovative Approaches for Competitive and Sustainable Performance across the Mediterranean Aquaculture Value Chain) and NewTechAqua (New technologies Tools and Strategies for a Sustainable, Resilient, and Innovative European Aquaculture.
START/END DATE	14 to 23 June 2021
GENERAL DESCRIPTION	During 8 online streaming sessions, 13 experts from the most renowned organizations and institutions delivered a programme of lectures, applied formulation exercises, group work, and discussions on the topic to give an overview of existing and upcoming feed ingredients, what factors should affect the choices of feed and how feeding strategies and technologies are improving. Lecturers came from Univ. Bologna. IRTA, Bluegrove, NOFIMA AS, Seafoodmatter, Univ. Las Palmas de Gran Canaria, Dibaq Group and HCMR. The course was attended by 30 experts from 20 countries, from national administrations, aquaculture and biotechnology sectors, research and university
TOPICS	- how to select the best feed for the fish farm, - how to evaluate a feed, - how to use the feed, - customers' requirements and aquaculture feed legislation, - feed trials, and - conclusions and recommendations from the MedAID project on improving zootechnical performance.
ONLINE MATERIALS	Aquaculture Feed Additives (On-line Module developed from the Lecture of the Online Advanced Course) : http://www.medaid-h2020.eu/index.php/aquaculture-feed-additives/

TRAINING COURSE ACRONYM AND TITLE	Online Advance Course on Innovative tools and methods for ensuring seafood authenticity
OFFERED/ MANAGED BY	CIHEAM Zaragoza
PARTNERS	the INTERREG Atlantic Area Project SEA-TRACES and the Fisheries Division of the FAO.
START/END DATE	26 April – 6 May 2021
GENERAL DESCRIPTION	During 9 online streaming sessions, nine invited renowned experts from research centres, universities, and private companies in different countries delivered a program of lectures, which also included applied examples, real case studies, and discussions, to introduce participants to innovative tools and methods for ensuring seafood authenticity. The course was attended by 30 professionals from 22 countries from public institutions and the seafood industry, such as members of the competent authorities for official controls, ONGs, technical advisors and researchers dealing with seafood control and management.
OBJECTIVES	To ensure sustainability and to meet the current demands of the global seafood marketing chain to combat fraud, an effective science-based traceability system must be able to identify species and their geographical origin and distinguish between wild-capture and farmed products. The system must also be able to identify fresh and frozen products and the many different forms of processed seafood that are currently traded.
TOPICS	Specific lecture topics covered during the course included sessions on global seafood trade; Food fraud in the seafood value chain; ensuring seafood authenticity; methods for ensuring seafood authenticity; SEA-TRACES case studies; and a series of Practical work exercises on the analysis of seafood labeling in different products and countries, Protein and DNA analysis methods, FoodChain Lab, and the utilization of rapid and on-site methods.

TRAINING COURSE ACRONYM AND TITLE	Advanced course on Organization of Fisheries Statistics Systems
OFFERED/ MANAGED BY	CIHEAM Zaragoza
PARTNERS	FAO
START/END DATE	9-19 November 2020
CRITERIA OF ADMISSION	The course is designed for 25 professionals with a university degree and is addressed to fisheries managers, statisticians, and researchers with responsibilities in fisheries data collection and the design, production, and use of fisheries statistics.
GENERAL DESCRIPTION	The objective of the course was to help professionals of national fisheries administrations and institutions go through a comprehensive learning cycle, starting with the definition of the need for statistics in support of fisheries management and policymaking, continuing with the different types of required data and collection systems, and concluding with the implementation of robust fisheries statistics and management information systems. The course was intended to present the theoretical elements of designing and implementing fisheries statistical systems and to guide participants in the pathway on the why, what, and how to put theory into practice, illustrated by concrete examples and detailed case studies.
OBJECTIVES	By the end of the course, the participants should: - Be able to define required data for statistics in support of fisheries management and evidence-based policymaking. - Recognize the need for fisheries statistical systems to be robust and accurate and, at the same time, cost-effective and sustainable. - Be able to define the most efficient data collection methodology (census or sampled-based approach), according to the country specificities. - Become familiar with the fundamental principles of sampling that have a direct impact on the reliability of the derived statistics. - Be aware of the importance of the use of international standard classifications, concepts, and definitions to enable harmonized information exchange and reporting. - Get knowledge of the growing use of modern communication tools in data collection, processing, and reporting.
TOPICS	- Introduction to Fisheries Statistics (4 hours) - Fisheries data collection systems (10 hours) - Specific fisheries data collection (5 hours) - National Fisheries Statistics and Management Information Systems (FISMIS) (3 hours) - Regional and International fisheries statistics (5 hours) - Working groups to carry out practical exercises on the organization of fisheries statistics systems.

FEES AND SCHOLARSHIPS	Candidates from CIHEAM member countries (Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia, and Turkey) may receive financial support covering registration fees. Applications from other FAO member countries may also be considered. Candidates from other countries who require financial support should apply directly to other national or international institutions.
CERTIFICATES/ (Professional) DIPLOMA	Certificates were distributed to participants at the end of the course. The certificates were signed by representatives of the organizing institutions.
ONLINE MATERIALS	Online Modules developed from the Online Advanced Course : Module 1: Introduction to Fisheries Statistics: https://edu.iamz.ciheam.org/FisheriesStaticsOnline/module1/scormcontent/#/ Module 2: Introduction to Fisheries data collection systems and FISMIS: https://edu.iamz.ciheam.org/FisheriesStaticsOnline/module2/scormcontent/#/

RESEARCH PROJECTS

ACRONYM AND TITLE	NewTechAqua "New Technologies, Tools and Strategies for a Sustainable, Resilient and Innovative European Aquaculture"
SDGs	1, 2, 8, 14.
COUNTRY/IES	Belgium, Croatia, Cyprus, France, Greece, Italy, Norway, Spain, and United Kingdom.
LEAD PARTNER	UNIVERSITY OF BOLOGNA
PARTNERS	NewTechAqua is a consortium of 26 partners: ALMA MATER STUDIORUM -UNIVERSITA DI BOLOGNA UNIBO; UNIVERSITA CA' FOSCARI VENEZIA UNIVE; INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES IRTA; HELLENIC CENTRE FOR MARINE RESEARCH HCMR; UNIVERSITA DEGLI STUDI DI BARI ALDO MORO UNIBA; NOFIMA; A.I.A. AGRICOLA ITALIANA; ALIMENTARE S.P.A. AIA; AQUICULTURA BALEAR SA ABSA; CROMARIS DIONICKO DRUSTVO ZA MARIKULTURU CROMA; MOWI GENETICS AS MOWI; IRIDA AE-PRODUCTS FOR ANIMAL PRODUCTION-SERVICES; ARA AVIS BIOTEC SL RARA; AQUANETIX LIMITED AQUA; Fédération Européenne des Producteurs Aquacoles FEAP; CENTRE INTERNATIONAL DE HAUTES ETUDES AGRONOMIQUES MEDITERRANEENNES - CIHEAM ; IL VIGNETO SOCIETA AGRICOLA A RESPONSABILITA LIMITATA; GREENOVATE ! EUROPE G!E; INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER IFREMER; SYNDICAT DES SELECTIONNEURS AVICOLES ET AQUACOLES FRANCAIS SYSAAF; ICHTHYOKALLIERGEIES ARGOSARONIKOU ANONYMI ETAIRIA ARGO ; MINISTRY OF AGRICULTURE, RURAL DEVELOPMENT AND ENVIRONMENT OF CYPRUS –DFMR; UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA ULPGC; THE SEAFOOD INNOVATION CLUSTER AS TSIC; GALAXIDI MARINE FARM AE GMF; CONSIGLIO NAZIONALE DELLE RICERCHE CNR; CASALI ROBERTO EMAR. CIHEAM is involved in the project together with the Paris and Zaragoza and Bari offices.
OVERALL PROJECT VALUE (EUR)	6,723,843.50 €
FUNDED BY	HORIZON 2020
START/END DATE	01/01/2020 – Ongoing
GENERAL DESCRIPTION	Aquaculture can be used as a method to produce more fish without endangering existing stocks, but also to restore habitat, replenish wild stocks, and rebuild populations of threatened and endangered species. Food systems need to substantially increase the production of safe and nutritious food while reducing the pressure on environmental resources. The European aquaculture sector has become increasingly important in this context. However, the sector still needs to complete the following objectives to answer tomorrow's challenges: - Use sustainable fish feeds. - Increase organic aquaculture production.

	- Improve available technologies and production systems to increase efficiency. - Increase robustness (disease resistance) and quality of fish and mollusks. - Use fewer chemicals and antibiotics. - Support the diversification of fish species and products.
OBJECTIVES	The main objective of NewTechAqua is to expand and diversify European fish, shellfish, and microalgae aquaculture production by developing and validating technologically advanced, resilient, and sustainable applications.
MAIN ACTIVITIES	- Deliver kits for disease detection, new breeding programs, and new diets. - Improve performance and quality of farmed fish and microalgae by developing innovative breeding programs. - Make the aquaculture sector more sustainable and circular through different rearing systems (RAS, biofloc technology, aquaponics) new diets using fish by-products, fish processing wastewaters, microalgae, and, low-fishmeal organic diets. - Increase the efficiency of aquaculture production systems via real-time management systems, satellite systems, and recommendations. - Support diversification of fish species by studying the reproductive cycle of emerging fish species (greater amberjack, meager, and Senegal sole) to re-create the best conditions for raising these new species in aquaculture production systems. - Develop new eco-friendly fish and mollusk products with high nutritional value. - Raise awareness and train professionals from the aquaculture sector by creating training programs and conducting studies on consumers' preferences. - training activities in the field of sustainable aquaculture.
WEBSITE	https://www.newtechaqua.eu/about-the-project/

ACRONYM AND TITLE	FuturEUAqua – "Future growth in sustainable, resilient and climate-friendly organic and conventional European aquaculture"
SDGs	8
COUNTRY/IES	EUROPE
LEAD PARTNER	NOFIMA
PARTNERS	FutureEUAqua's consortium gathers 31 different SMEs, Associations, Research Institutes (RTD), and other companies from 9 different countries. CIHEAM is a third-party of IFOAM. https://futureeuaqua.eu/index.php/project/partners/
OVERALL PROJECT VALUE (EUR)	7.083.501,25 €
FUNDED BY	HORIZON 2020
START/END DATE	01/11/2018 – Ongoing
OBJECTIVES	Effectively promote the sustainable growth of climate-resilient, environmentally friendly organic and conventional aquaculture of key fish species and low trophic level organisms in Europe to meet future challenges concerning growing consumer demand for high quality, nutritious, and responsibly produced food.
MAIN ACTIVITIES	FutureEUAqua will promote innovations in the whole value chain, including: SUSTAINABLE BREEDING Assessing, validating, and demonstrating the level of the ability of the current breeding programs, breeding goals, and methodologies. INGREDIENTS & FEED (Ensuring sustainable and resilient production by focusing on high fish performance, health, and product quality). PRODUCTION SYSTEMS (Documenting tailor-made fish performance in future cost-effective production systems that function optimally). QUALITY & SAFETY (Developing innovative high-quality minimally processed fish products and related packaging conditions, to valorize raw materials). MONITORING TECHNOLOGIES (Monitoring the impact of housing environments and innovative diets on fish health and welfare). CONSUMER AWARENESS (Improving consumer awareness, perception, and acceptance of European aquaculture products and methods). CIHEAM Bari will provide training through online courses to improve skills in organic production.
WEBSITE	https://futureeuaqua.eu/

ACRONYM AND TITLE	UNIONCAMERE- "Common actions for the qualification of products of aquaculture and sustainable fishing to promote their marketing and processing".
COUNTRY/IES	ITALY
LEAD PARTNER	UNION CAMERE
PARTNERS	Aquaculture Associations – Italy
OVERALL PROJECT VALUE (EUR)	1 320 000,00 €
FUNDED BY	European Maritime and Fisheries Fund (NATIONAL FUNDS) Italian Ministry of Agriculture
START/END DATE	2016-ongoing
GENERAL DESCRIPTION	Aquaculture and small-scale fishing must be measured with ever-higher quality standards. European producers operate in an international context of fierce competition which requires strong attention to the constant improvement of quality and economic, social, environmental, and nutritional sustainability. The European Legislation on Union quality schemes for agricultural products and foodstuffs, with the certification processes envisaged by EU Regulation no. 1305/2013, offers consumer-wide guarantees on the quality and characteristics of the product and the production process. Participation in these schemes "adds value" to the products and work of the companies involved in the supply chain, amplifying the market outlets for these products.
OBJECTIVES	The project is drawing up the product specification and regulations for the aquaculture industry useful for a European label related to EU Regulations 1305/2013 and 2424/2015. The Label Protocol is now tested on private farms (trout, mollusks, sea bass, and sea bream) for its improvement. The brand intends to offer consumers high-quality and sustainable products based on a clear traceability and supply chain path. SPECIFIC OBJECTIVES Experimentation and application of the production protocol "Sustainable Aquaculture" within the National Quality Regime "Zootechnics". The purpose of the research program for the small-scale fishing operating line is to develop a "code of ethics" for operators in the sector oriented towards sustainability. The Code will be applied experimentally, to develop, based on results, a Guideline useful for the qualification of sustainable fishing.
MAIN ACTIVITIES	- Experimental phase for the first application of the National Quality Regime "Sustainable Aquaculture" (QR). - Technical-scientific support for the evaluation of the results of the experimentation and the elaboration of the corrective procedures. - Scientific and technical support for the design and implementation of the prototype of the supply chain traceability system of the QR. - Sustainable Aquaculture QR in the artisanal fishing sector at the national and European levels.

	- Drafting of the "Code of ethics: decalogue for environmental and social sustainability". - Experimental application of the "Code of ethics: Decalogue for environmental and social sustainability". - Drafting of the guideline for the qualification of sustainable fishing.
WEBSITE	- https://www.iamb.it/en/cooperazione/projects/one_programme?programme=azioni-comuni-per-la-qualificazione-dei-prodotti-dell-acquacoltura-e-della-pesca-sostenibile-per-favorire-la-loro-commercializzazione-e-trasformazione-common-actions-for-the-qualification-of-aquaculture-and-sustainable-fisheries-products-to-promote-their-marketing-and-processing&id=78

ACRONYM AND TITLE	IONIAN - "Technical scientific innovation for sustainable shellfish farming: a pilot project in Taranto ".
COUNTRY/IES	ITALY
LEAD PARTNER	CNR-IRSA (Taranto)
PARTNERS	CIHEAM BARI
OVERALL PROJECT VALUE (EUR)	498.500 €
FUNDED BY	European Maritime and Fisheries Fund (REGIONAL FUNDS)
START/END DATE	2022 – ongoing
GENERAL DESCRIPTION	The IONIAN project aims to develop and transfer to shellfish companies technological innovations and new management and production systems aimed at increasing their competitiveness and overall improving the sustainability of the shellfish sector.
OBJECTIVES	The objective is to develop concrete responses to the needs of shellfish businesses, in particular: - facilitate the process of disseminating good practices for quality production, respect for the conservation of native species, - enhance the production of the "Taranto mussel".
MAIN ACTIVITIES	- Co-planning of activities with companies - Development of a transition plan ecology of shellfish businesses - Transfer of knowledge to mussel farmers - Innovate the production of mussels eliminating the use of plastic aside from businesses - Feasibility study on the Design of an electric boat for mussel farming - Safeguarding mussel production from predation in the Mar Piccolo of Taranto - Production disciplinary application "Sustainable Aquaculture" to the supply chain of shellfish farming - Knowledge transfer on breeding strategies, prices, and Taranto's mussel market.
WEBSITE	-

ACRONYM AND TITLE	PUGLIA FISH LIFESTYLE - "Communication and information to improve the lifestyle of the Apulian consumer through the increased consumption of local fishing ".
COUNTRY/IES	ITALY
LEAD PARTNER	ARPA PUGLIA
PARTNERS	REGIONE PUGLIA- HEALTH MARKETPLACE DEPARTMENT CIHEAM BARI
OVERALL PROJECT VALUE (EUR)	755.697,28 €
FUNDED BY	EU MARITIME AND FISHERIES FUNDS (REGIONAL FUNDS)
START/END DATE	2022 – ongoing
GENERAL DESCRIPTION	The project includes a series of initiatives aimed at promoting the quality and added value of fish production, through traceability, certification, marketing and communication, and promotion campaigns for the fishing and aquaculture sectors.
OBJECTIVES	The general objective of the project is to support and enhance the characteristics of the local Apulian fish, both fresh and processed, also based on the environmental quality of the areas in which it was caught, activating a series of evaluations, presentations, and information initiatives that can increase their consumption.
MAIN ACTIVITIES	- Characterize from a biological, chemical, al, and nutritional point of view, fish species fished by the Apulian navy, with reference to those currently underutilized and poorly valued. - Highlight the relationships between the environmental quality of the fishing areas exploited in Puglia and the quality of fish products. - Present and inform the interested parties of the results to increase the consumption of local fish in Puglia, especially concerning underutilized species. - Develop territorial marketing actions, through fixed controls and campaigns aimed at improving the image of Apulian fishery and aquaculture products.
WEBSITE	-

ACRONYM AND TITLE	MedAID (Mediterranean Aquaculture Integrated Development)
SDGs	1, 2, 8, 14, (14.7).
COUNTRY/IES	Croatia, Denmark, Egypt, France, Greece, Italy, Netherlands, Norway, Portugal, Spain, Tunisia, Turkey, and the United Kingdom.
LEAD PARTNER	CIHEAM Zaragoza
PARTNERS	MedAID is a consortium of 34 partners from 12 countries, composed of experienced R&D groups, companies, and institutions from different backgrounds.
OVERALL PROJECT VALUE	7 000 000 €
FUNDED BY	funded by the European Union in the framework of Horizon 2020
START /END DATE	April 2017 – October 2021.
GENERAL DESCRIPTION	Production and productivity of Mediterranean marine fish aquaculture, mainly seabass and seabream, are stagnating or growing slowly as a result of multiple and interrelated causes. To accomplish the objective of improving its competitiveness and sustainability, MedAID assesses a technical, environmental, market, socioeconomic, and governance weaknesses, exploring innovative solutions and providing codes of practice and innovative toolboxes throughout the value chain to enhance the sector's performance holistically. Biological performance (nutrition, health, and genetics) will be scrutinized to identify and quantify the relevant components to improve the Key Performance Indicator. Also, Economic, business, marketing, environmental, social, administrative, and legal factors will be addressed to obtain integrated solutions to shift towards a market-oriented and consumer-responsible business and to face the multiple administrative, environmental, and social issues constraining competitiveness and public acceptance.
OBJECTIVES	- MedAID aims to increase the overall competitiveness and sustainability of the Mediterranean marine fish farming aquaculture sector, throughout the whole value chain. Its objectives will be achieved: - through a holistic assessment to identify the main technical, environmental, economic, and social challenges which may condition the sustainability of the sector, - by addressing those technical, environmental, economic, and social challenges that the sector currently faces, - by developing innovative knowledge and tools to improve the performance of the production systems, creating, and fostering added-value products, and socially acceptable business plans.
How does it contribute to the inclusion and empowerment of young people and women?	MedAID project has devoted a high effort to capacity building and training, in accordance with SDG 4 (Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all). CIHEAM Zaragoza has been the responsible partner for this action and finances the participation of young professionals, giving preferences to candidates from low and medium incomes countries. MedAID project has counted on a high number of women both in the Executive Board (4 out of 10) as well as among partners, avoiding any discrimination, in accordance with SDG 5 (Achieve gender equality and empower all women and girls).

MAIN ACTIVITIES	- Holistic sustainability assessment of Mediterranean aquaculture: zootechnical, environmental, economic, social, and governance. Improving Zootechnical Performance. - Genetics and breeding. - Health management and diseases and fish welfare. - Product development, market, and consumer assessment. - Improving business performance and development of strategic marketing plans. - Social acceptability and governance of aquaculture development in the Mediterranean. - Integrated proposals for an innovative and competitive sector. - Participatory consultation, dissemination, communication, and training. - Project Coordination and Management. - Ethics requirements.
WEBSITE	http://www.medaid-h2020.eu/ http://www.medaid-toolbox.eu/

COOPERATION PROJECTS

ACRONYM AND TITLE	WEBPORT
SDGs	8, 14.
COUNTRY/ IES	Italy, Egypt, Tunisia, Algeria, Morocco, and Albania.
LEAD PARTNER	CIHEAM- BARI
OVERALL PROJECT VALUE (EUR)	307.272.00 €
FUNDED BY	Italian Cooperation
START – END DATE	04/2018 – 05/2019
GENERAL DESCRIPTION	WEBPORT is a web portal that currently hosts the coastal communities of Tricase in Italy, Tyre in Lebanon, Marsa Matrouh in Egypt, Zarzis in Tunisia, Algiers in Algeria, Nador in Morocco, and, since 2017, Porto Palermo in Albania. It's a venue for exhibiting and exchanging new practices and experiences, listening to the needs of communities and identifying concrete actions, fostering collaboration, and encouraging cooperation projects for development.
OBJECTIVES	contribute to the inclusive and sustainable development of the Mediterranean region by improving the living conditions and socio-economic opportunities of coastal communities.
MAIN ACTIVITIES	Organization and implementation of technical webinars within the WEBPORT network. Production of videos and articles by WEBPORT coastal communities and publication in the B-Logbook and Videowall sections. The "webinars" allowed coastal communities to maintain dialogue and exchange best practices. The topics covered ranged from issues of direct interest to fishing communities, such as associative and cooperative management, diversification of fishing activities, and protection of the marine environment, to more general issues related to the coastal community, such as culinary traditions and the comparison of experiences from different territories
WEBSITE	http://www.webport.cloud/

ACRONYM AND TITLE	NEMO KANTARA – "Stabilisation et développement socioéconomique des Régions côtières tunisiennes
SDGs	8, 13, 14.
COUNTRY/ IES	TUNISIA
LEAD PARTNER	CIHEAM BARI
OVERALL PROJECT VALUE (EUR)	5.000.000,00 €
FUNDED BY	Italian Cooperation
START – END DATE	10/2019 – 10/2022
GENERAL DESCRIPTION	This initiative was designed to support the sustainable development of coastal communities in Medenine and Gabes, and create a planning system for participatory and integrated development of coastal areas that will serve as a framework for future initiatives and actions in five governorates (Bizerte, Gabes, Medenine, Nabeul, Sfax).
OBJECTIVES	Improve and diversify the production and incomes of fishing operators and coastal communities in the governorates of Gabes and Medenine, with the dual objective of reducing poverty by improving access to support services and management, but also through concrete financial instruments that target the weakest categories: young people and women. Strengthen capacities for sustainable coastal planning in the 5 pilot regions (Médenine, Gabes, Nabeul, Sfax, Bizerte), stemming from the need to offer decision-makers and donors coastal local development plans drawn up by the community with the community and for the community. This opportunity also arises to improve institutional capacity building, which governance often considers the cause of social exclusion and poverty
MAIN ACTIVITIES	- Institutional capacity-building activities. - Improvement of training centers. - Improvement of infrastructure for fishermen. - Training and technical assistance. - Co-management and certification of mussels. - Financing and support of new activities in the development phase (start-ups managed by young people and women). - Financing and drafting of a master plan.
WEBSITE	https://www.ciheam.org/fr/project/nemo-kantara-stabilisation-et-developpement-socioeconomique-des-regions-cotieres-tunisiennes/

ACRONYM AND TITLE	MUSE – "Development and valorization of port museums as natural and cultural heritage sites"
SDGs	8, 11, 14
COUNTRY/ IES	ITALY, GREECE
LEAD PARTNER	Municipality of Tricase
PARTNERS	CIHEAM- BARI, the Municipality of Messolonghi, the Port Authority of Corfu, and the European Regional Framework for Cooperation (ERFC-Greece).
OVERALL PROJECT VALUE (EUR)	2.541.489,40 €
FUNDED BY	INTERREG GREECE ITALY 2014-2020
START – END DATE	16/04/2018 -Ongoing
GENERAL DESCRIPTION	The Port Museum is a dynamic place of research, collection, exchange, and deepening of knowledge linked to the traditions of the sea and of coastal communities. Together with the local community, the MUSE project aims to build and strengthen an Adriatic – Ionian Network of Ports Museum; it includes the port museum already created (in Tricase, Italy) and areas where the natural and cultural heritage linked to the values of the port museums exist but are not fully established and developed in Corfu and Messolonghi, in Greece.
OBJECTIVES	Create a cross-border network of Eco museums in coastal areas, developing port museums as natural and cultural heritage sites.
MAIN ACTIVITIES	- Focus group with the local community to share common principles and working actions for each Port Museum. - Survey on the good practices of the Ecomuseum in Italy and Europe. - Creation of a Charter of Principles as an agreement of local actors in Tricase. - Identification and description of the POIs and territories of the three-port museums. - Creation of adequate spaces to host high-level educational and cultural activities in the three Port Museums. - Creation of an App dedicated to the sharing of all existing best practices on Port Museums. - Identification and networking with Italian and Greek OTs specialized in ecotourism.
WEBSITE	https://greece-italy.eu/muse/

ACRONYM AND TITLE	MarE - "Institutional assistance for the development of the Albanian maritime and coastal economy"
SDGs	8, 14.
COUNTRY/ IES	ALBANIA
LEAD PARTNER	CIHEAM- BARI
PARTNERS	Ministry of Agriculture and Rural Development (MARD) – Albania CNR -ITALIAN NATIONAL RESEARCH COUNCIL.
OVERALL PROJECT VALUE (EUR)	1 600 000,00 €
FUNDED BY	Italian Cooperation
START – END DATE	9/10/2018 – 31/03/2022
GENERAL DESCRIPTION	The project contributed to the sustainable development of the Albanian maritime and coastal economy in the European and Mediterranean context, providing institutions and the private sector with new opportunities related to the process of accession and integration within the European Union.
OBJECTIVES	Improve the capacity of the Albanian Institutions in the sustainable management of natural resources and in the planning of sectoral interventions (fishing, aquaculture, and eco-tourism), to be achieved through the financial opportunities offered to the Albanian coastal and maritime economy by the Italian Cooperation, international donors and national funds
MAIN ACTIVITIES	- Small pelagic stock assessment and associated management plan for sardines and anchovies. - Stock assessment training and habitat mapping. - Small-scale fisheries (SSF) analysis. - Analysis of key coastal and lagoon ecosystems. - Drafting of 5 soft loan project sheets related to ecosystem goods services in Albania. - Organization of workshops and informative seminars in Albania and Italy.
WEBSITE	http://www.iamb.it/en/cooperazione/projects/one_programme?id=51&programme=institutional-assistance-for-the-development-of-the-maritime-economy

ACRONYM AND TITLE	ITACA - "Innovative Tools to increAse Competitiveness and sustainability of small pelagic fisheries"
SDGs	8, 14.
COUNTRY/ IES	ITALIA- CROATIA
LEAD PARTNER	VENETO REGION'S AGENCY FOR THE INNOVATION IN THE PRIMARY SECTOR - VENETO AGRICOLTURA
PARTNERS	CIHEAM BARI ISTITUTO PER LE RISORSE BIOLOGICHE E LE BIOTECNOLOGIE MARINE (CNR-IRBIM) – HEADQUARTER OF ANCONA JAVNA USTANOVA RERA S.D. ZA KOORDINACIJU I RAZVOJ SPLITSKO DALMATINSKE ŽUPANIJE AZRRI– Agency for Rural Development of Istria Ltd. Pazin CONFCOOPERATIVE REGIONAL UNION OF THE VENETO INSTITUTE OF OCEANOGRAPHY AND FISHERIES
OVERALL PROJECT VALUE (EUR)	1.744.467,00 €
FUNDED BY	INTERREG ITALY-CROATIA 2014-2020
START – END DATE	01/2019- ongoing
GENERAL DESCRIPTION	ITACA tackled the competitiveness of the Adriatic fisheries sector, fostering the introduction of blue innovation and improving the sustainability of catch activities. ITACA focused on small pelagic (SP) fisheries, meaning the fishing activities targeted two main ichthyic species: anchovy and sardine which represent a significant share of income for the sector in the Adriatic. ITACA project contributed factually to the growth of the SP fisheries sector by setting up (WP3), testing n 7 pilot regions (WP4), and fostering the large-scale application (WP5) of innovative SMEs oriented tools to increase the competitiveness of SP fisheries, together with establishing an SP fisheries enterprises cluster for a co-management of Adriatic ichthyic resources oriented to sustainability.
OBJECTIVES	Strengthen the competitiveness of Adriatic SP fisheries enterprises by matching research results and tools to the needs of enterprises, to promote more sustainable and efficient exploitation of Adriatic resources
MAIN ACTIVITIES	- Definition of the fishing model with the production of the report on the economy of the fishing sector in Apulia, with particular reference to the market of anchovies and sardines. - Creation of a cluster of SP fishing enterprises for the co-management of fish resources - Collection and systematization of sardine and anchovy fishing production data from the years 2018, 2019, and 2020 in the Apulia Region. - Involvement of the users of the fishing model with the realization of 2 WORKSHOPS, one for the community of fishermen of northern Puglia and another for the fishermen of Salento.
WEBSITE	About the Project - ITACA - Italia-Croatia (Italy-Croatia. EU)

ACRONYM AND TITLE	FISH MED NET- FISHERY MEDITERRANEAN NETWORK
SDGs	8, 14.
COUNTRY/ IES	France, Italy, Tunisia, Lebanon, Palestine
LEAD PARTNER	Federation of Municipalities of the South Corse
PARTNERS	- Legacoop Agrofood, Fishery Department - Haliéus - CIHEAM- BARI - Association Tunisienne pour le Developpement de la Pêche Artisanale - Lebanon Ministry of Agriculture - Economic and Social Development Center of Palestine
OVERALL PROJECT VALUE (EUR)	200.000,00 €
FUNDED BY	ENI CBCMED 2014-2020
START – END DATE	01/09/2019 – ongoing
GENERAL DESCRIPTION	FISH MED NET encourages the creation of local and cross-border business collaborations between Mediterranean MSMEs (Micro, Small, and Medium Enterprises - MSMEs) active in fisheries diversification, providing them with training, and direct professional assistance for the development of new services, products, and innovative tools to improve their marketing.
OBJECTIVES	The project will train fisheries MSMEs in increasing their diversification and integration potential and favoring the development of new products and services. New business alliances will fill the integration gap among MSMEs by fostering common business models and marketing activities. Finally, the project will develop public authorities' capacities to encourage both a sustainable and successful development of the fishing sector.
MAIN ACTIVITIES	CIHEAM Bari will be directly involved in the implementation and execution of the training activities planned for the year 2021. The training courses will be designed based on 4 business models developed by the partnership and will be planned both locally and internationally to provide participants with knowledge and skills for fisheries diversification.
WEBSITE	https://www.enicbcmed.eu/projects/fish-med-net

ACRONYM AND TITLE	COMMON - "COastal MAnagement and Monitoring Network for talking marine litter in the Mediterranean Sea"
SDGs	11, 13, 14.
COUNTRY/ IES	ITALY, TUNISIA, LEBANON
LEAD PARTNER	Legambiente Onlus
PARTNERS	- National Institute of Marine Sciences and Technologies - CIHEAM- BARI - Amwaj of the Environment - University of Siena - Tyre Coast Nature Reserve - High Institute of Agronomy of Sousse University -
OVERALL PROJECT VALUE (EUR)	2.2 million €
FUNDED BY	ENI CBCMED 2014-2020
START – END DATE	4/09/2019 – ongoing
GENERAL DESCRIPTION	Combating the issue of marine litter requires a global effort at the basin level through a multi-institutional and multi-stakeholder approach that tackles the different and competing environmental, economic, social, cultural, and recreational drivers that can affect marine ecosystems. The COMMON project applied the Integrated Coastal Zone Management (ICZM) principles to the challenge of marine litter, improving knowledge of the phenomenon, enhancing the environmental performance of 5 pilot coastal areas in Italy, Tunisia, and Lebanon, and engaging local stakeholders in marine litter management.
OBJECTIVES	Combat the problem of litter at sea in 5 pilot coastal areas (2 in Italy, 2 in Tunisia, and 1 in Lebanon) through the application of ICZM principles, and effective involvement and coordination of all stakeholders, from local and regional authorities to turtle recovery centers and citizens.
MAIN ACTIVITIES	- Sampling and monitoring of beach and sea litter. - Sampling and analysis of macro and microplastics on marine biota. - Awareness campaigns. - Creation of a network of Sea Turtle Recovery Centers in the Mediterranean Sea. - Ecotoxicological analysis and evaluation of the impact of microplastics on marine biota. - Collection days and beach cleaning. - Contest for schools on marine waste. - training courses, meetings, and workshops.
WEBSITE	COMMON | ENI CBC Med

ACRONYM AND TITLE	BON-SEA - "Promotion of Good marine environmental status and sustainable pEscA along the coastal strip between Otranto and Capo di Leuca".
SDGs	13, 14.
COUNTRY/ IES	ITALY
LEAD PARTNER	CIHEAM- BARI
PARTNERS	UNIVERSITY OF SALENTO
OVERALL PROJECT VALUE (EUR)	292.550 €
FUNDED BY	EUROPEAN MARITIME AND FISHERIES FUNDS (REGIONQL FUNDS)
START – END DATE	3rd of March 2021 – ongoing
OBJECTIVES	To protect and safeguard biodiversity and coastal marine ecosystems through actions oriented to the participatory monitoring and improvement of the environmental status of marine areas most subject to human activities in the stretch of sea between Otranto and Santa Maria di Leuca (Salento, Puglia).
MAIN ACTIVITIES	- Preparation of a program for the removal of ghost nets and the collection of anthropogenic waste detected on the seabed between Otranto and S. Maria di Leuca. - Installation of innovative systems for the collection and storage of waste and plastics. - Participatory monitoring for the collection and recording of oceanographic data and the understanding of the effects of climate change on the marine ecosystem.

ACRONYM AND TITLE	BLUE LAND - "Participatory model for the sustainable management of marine and coastal resources and cross border habitats, biodiversity, and ecosystem services safeguard"
SDGs	11, 13, 14.
COUNTRY/ IES	ITALY, ALBANIA, MONTENEGRO
LEAD PARTNER	Agjencia Kombëtare e Zonave të Mbrojtura, në Shqipëri (AL)
PARTNERS	- Instituti për Ruajtjen e Natyrës në Shqipëri (AL) - Ministarstvo poljoprivrede i ruralnog razvoja Crne Gore (ME) - Univerzitet Crne Gore (ME) - Centre International de Hautes Etudes Agronomiques Méditerranéennes - Istituto Agronomico Mediterraneo di Bari (IT) - Istituto Cooperativo di Ricerca (IT)
OVERALL PROJECT VALUE (EUR)	1.114.349,19 €
FUNDED BY	INTERREG ITAL-ALBANIA-MONTENEGRO 2014-2020
START – END DATE	3/04/2018 – 7/04/2020
GENERAL DESCRIPTION	The project aimed to establish BLUE OASIS (participatory model based on ecosystem approach), understood as a well-circumscribed stretch of sea and coast within which the local community is committed to managing marine and coastal resources to preserve and protect habitats, biodiversity, and ecosystem services, ensuring their future sustainability. The BLUE OASIS was delimited based on a mapping activity of biodiversity and ecosystem services. In addition to the activation of the model in the three target areas (Tricase-Italy; Porto Palermo-Albania-Bojana Bay-Montenegro), the project foresaw the realization of an ICT platform composed of Web-GIS for the integrated planning of the coastal territory and an App for the involvement of the community in the monitoring of the indicators related to the ecosystem services detected (citizen science approach).
OBJECTIVES	Define, develop, and implement a participatory, ecosystem-based model for the comprehensive objective protection and preservation of marine and coastal resources, habitats, and biodiversity, which could represent a form of management comparable to that of a Marine Protected Area with the added benefit of broad ownership of objectives within the local community and lighter procedures in the recognition and implementation of management policies.
MAIN ACTIVITIES	- Definition of a common and replicable model for joint resource management based on the ecosystem approach. - Characterization and mapping of ecosystem services and key environmental and socio-economic indicators in the three target areas. - Realization of an ICT platform (Web-GIS) for integrated planning of the coastal area, and an App aimed at involving the community in the monitoring of the indicators related to the identified ecosystem services (citizen science approach). - Selection of 3 areas for biodiversity protection, conservation, and sustainable use of ecosystem services
WEBSITE	https://blueland.italy-albania-montenegro.eu/

ACRONYM AND TITLE	BLUE & GREEN "Boosting Local authorities' Understanding of coastal Economy & Growing Regenerative Enterprises in the Ecosystem Networks in Dakar and Kampala"
COUNTRY/ IES	Dakar and Kampala Regions
LEAD PARTNER	CIHEAM – Bari
PARTNERS	E41mpact Foundation Impresa Sociale
OVERALL PROJECT VALUE (EUR)	167.815,59 €
FUNDED BY	Italian Cooperation
START – END DATE	2022-ongoing
GENERAL DESCRIPTION	DAKAR REVE project aims to contribute to the sustainable urban development of the Dakar region in the climate transition scenario, improving the functioning of urban utility services and civic participation related to waste management. The main target groups are officials of the Municipality of Dakar and local services related to waste management, users of waste management services and public markets, green micro-enterprises, social workers, and citizens directly involved in the various actions. The objectives will be achieved through l) the strengthening of the competencies of the Dakar city administration on the management of services and urban regeneration; 2) improving the efficiency and differentiation of waste collection in a city district; 3) the strengthening of the activation of civil society, the business world and the diaspora on environmental issues in the urban context. The territorial partnership (Municipalities of Milan, Reggio Emilia, Ville de Dakar, Union of Municipalities of the Dakar Region) will activate its officials for actions related to the exchange of practices and service management models, also involving waste management companies for this technical component. The other project partners will bring specific skills related to their areas of expertise.
OBJECTIVES	Make cities and human settlements inclusive, safe, resilient, and sustainable in Dakar and Kampala.
MAIN ACTIVITIES	- Training Course by CIHEAM on Blue Economy and the Sustainable Development of Coastal Communities to 2 Officers of Dakar Municipality (10 weeks). - Webinar to train the municipalities of Dakar and Kampala on the management of municipal companies, and on the selection and training of enterprises to deliver services in the green and blue economy sectors. - Visit by the 6 managers of Dakar municipality to Milan, for an exchange of best practices in sustainable waste management. - Laboratory held by E41mpact Foundation on the role of municipalities in entrepreneurship promotion, in a circular economy perspective - Transfer of good practices on business skills and waste management to 10 MSMEs in Kampala (including the provision of scholarships for 10 entrepreneurs). - Development of a manual containing the best practices in terms of blue and green economy, for the Municipalities of Kampala and Dakar, as well as for the local enterprises dealing with the waste life cycle, urban and coast requalification, and urban living conditions.

ACRONYM AND TITLE	"Cooperation and institutional capacity building on Sustainable coastal and maritime development in ASEAN Countries".
COUNTRY/ IES	ITALY, (Tricase).
LEAD PARTNER	CIHEAM – Bari
PARTNERS	No.
OVERALL PROJECT VALUE (EUR)	35.000,00 €
- FUNDED BY	Italian Cooperation
START – END DATE	01/06/2022 - Ongoing
GENERAL DESCRIPTION	The project proposal "Cooperation and institutional capacity building on Sustainable Coastal and maritime Development in ASEAN Countries" aims to favor the adoption of development practices for the coastal and marine communities of the ASEAN Region (impact), remarking the participatory approaches, successfully applied in the Mediterranean contexts, enhancing closer and beneficial cooperation between the ASEAN Region and the Mediterranean area, where the CIHEAM Bari/Implementing agency operates.
OBJECTIVES	The specific objective of the project (outcome) is to strengthen the institutional capacity and decision-making process within the General Directorates of Fisheries and/or Environment (beneficiaries) of the ASEAN Region. It aims to "train the trainers" to foster the conservation and sustainable management of coastal and marine ecosystems and communities.
MAIN ACTIVITIES	- Exchanged and favored information, knowledge, and best practices on "Sustainable coastal and maritime development" models "; - Implemented international training in Italy on "Sustainable coastal and maritime development", giving attention to "Abandoned, Lost or otherwise Discharged Fishing Gear" (ALDFG), promoting prevention, reduction, and recycling of ALDFG in AMS

ACRONYM AND TITLE	SHARE BLU "Sustainable horizons for the blue economy in the Kenyan coastal area"
SDGs	8, 14.
COUNTRY/ IES	Kenya
LEAD PARTNER	CIHEAM – Bari
PARTNERS	Jumuiya ya Kaunti za Pwani (JKP)
OVERALL PROJECT VALUE (EUR)	661,453.00 €
FUNDED BY	Italian Cooperation
START – END DATE	02/01/2020- Ongoing
GENERAL DESCRIPTION	The overall objective is the sustainable and inclusive development of the blue economy in the Kenyan coastal area, through the strengthening of institutions and communities oriented to job creation, especially for women and youth.
OBJECTIVES	The Specific Objective consists of the technical and institutional strengthening of the JKP in the blue economy sector through the support in defining and adopting economic blueprints, sharing competencies, and realizing flagship pilot projects
MAIN ACTIVITIES	- Training course "Sustainable development of coastal communities"; - Training for counties and fishermen communities. - Technical assistance to local institutions (Counties and JKP) aiming for the definition and adoption of economic blueprints. - Creation of a territorial system of knowledge in the blue economy sector. - Support and participation at the 2o Jumuiya Agribusiness & Blue Economy Investment Conference (JABEIC). - Linkage of private/public stakeholders and the beneficiaries of the project through the WEBPORT platform. - Implementation of sustainable and inclusive pilot projects. - Awareness campaign and dissemination of results (press conferences, radio advertisements, newspaper articles).

ACRONYM AND TITLE	"GO BLUE": Partnership between the EU and the Government of Kenya to advance the Blue Economy Agenda
COUNTRY/ IES	Kenya
LEAD PARTNER	CIHEAM – Bari
PARTNERS	- AICS - GIZ - UNDP - UN-Habitat - Coop Française - Coop Portuguesa
OVERALL PROJECT VALUE (EUR)	4.750.000 €
FUNDED BY	EU DELEGATE COOPERATION
START – END DATE	2021-ongoing
GENERAL DESCRIPTION	Go Blue is the Program for the development of the coastal counties of Kenya, funded by the European Union and implemented in partnership with the Government of Kenya: the aim is to promote sustained, inclusive, and sustainable economic growth, with attention to habitat conservation coastal and marine and effective and integrated maritime governance.
OBJECTIVES	- Improve the capacity of farmer groups to operate along the cassava value chain - Enhance the capacity of the JKP Secretariat to deliver its mandate including formulation of integrated strategies and economic blueprints for sustainable and inclusive growth of the Coastal region
MAIN ACTIVITIES	- Value chain analysis in 7 BMU sites (inception phase) followed by interim and final technical surveys during the project implementation phase. - Development of labeling schemes; - Community awareness-raising on fish consumption, good handling practice, and food safety training - Cassava value chain analysis (baseline survey) in Kilifi and Kwale counties (inception phase) followed by interim and final surveys during the project implementation phase. - Extension officers' capacity building on agronomic techniques of cassava improved varieties, cassava stocking, and processing - Organization of Go Blue program partner and stakeholder workshops. - Development of a comprehensive Coastal SSF Master plan.
WEBSITE	https://nairobi.aics.gov.it/go-blue/

ACRONYM AND TITLE	DEVLOK – Implementation of a participatory and inclusive approach to strengthen the maritime, agricultural, and rural economy of the Island of Kerkennah based on the sustainable development of the territory's resources.
COUNTRY/ IES	Tunisia
LEAD PARTNER	CIHEAM Montpellier
PARTNERS	- Pays Pyrenees Méditerrannée (France) - Office de l'Environnement Corse (France) - Commissariat Général au Développement Régional (Tunisia)
OVERALL PROJECT VALUE (EUR)	1 400 000 €
FUNDED BY	European Union Delegation in Tunisia
START – END DATE	November 2017 – November 2021
GENERAL DESCRIPTION	Strengthen the maritime, agricultural and rural economy of the islands of Kerkennah by supporting economic and social initiatives that promote the local, and specific resources of the islands of Kerkennah for the benefit of the entire population.
OBJECTIVES	- Make the Local Development Committee an operational body for dialogue and steering in the collective development of the Kerkennah territorial development project. - Make 500 people from the population of Kerkennah aware of the island's development issues and participate regularly and actively in consultation and dialogue meetings, - Strengthen 100 local actors' capacities in conducting participatory dialogue, territorial and local assessment, and economic development; - Drew up and validate a local development plan is which reflects both the needs expressed by the local population and the national political orientations - Support 40 economic and social projects, consistent with the territory, in their sustainable installation. - Establish a dynamic and territory-based partnership with European development organizations - national and European public structures promote the achievements of the action in their policies.
MAIN ACTIVITIES	- Revitalization of local governance - Formulation of the overall development framework and elaboration of the local development plan - Realization of the Local Development Plan through the installation of economic enterprises - Capacity building of local actors - Communication and project coordination
Inclusion and empowerment of young people and women?	installation of 47 economic enterprises led by young people and women creation of 89 direct jobs on the archipelago
WEBSITE	https://www.facebook.com/DEVLOKKerkennah

WORKSHOPS AND SEMINARS

ACRONYM AND TITLE	FAO-CIHEAM Online Seminar on "Sustainability certification: harnessing the potential for small-scale fisheries and aquaculture"
OFFERED/ MANAGED BY	CIHEAM- ZARAGOZA
PARTNERS	The Seminar was jointly organized by the Food and Agriculture Organization of the United Nations (FAO), through the Fisheries and Aquaculture Division, and the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), through the Mediterranean Agronomic Institute of Zaragoza (CIHEAM Zaragoza).
START/END DATE	Two online sessions on 18th and 19th May 2022 from 10:00 to 12:30 (CET)
CRITERIA OF ADMISSION	Online registration were required. The seminar was followed by more than 150 stakeholders. All seminar presentations were recorded and are now online available at: https://seminars.iamz.ciheam.org/certificationiyafa2022/
GENERAL DESCRIPTION	Third-party certification has expanded greatly since the turn of the century. With consumers' increasing preference and demand for sustainable fishery products, sustainability certification schemes have emerged as an important tool for product differentiation, especially within international markets. Certification could function as a driver and enabler of sustainability, bringing transparency and economic incentives for sustainable fisheries and aquaculture while also underpinning branding and marketing strategies. However, small-scale fisheries and aquaculture may find it relatively challenging to access certification, due to unequal access to financial and human capital, technology, and information. At the same time, alternative approaches and solutions have been under development to account for these limitations.
OBJECTIVES	The objective of this seminar was to provide an overview of the current status of sustainability certification schemes and discuss constraints and trends in fisheries and aquaculture with a special emphasis on small-scale operations. It also presented selected case studies from Africa, America, Asia, and Europe.
TOPICS	- International Year of Artisanal Fisheries and Aquaculture - Overview of fish trade and certification - Investing in eco and quality labels? Evidence from the fishing industry and artisan certification in Africa: overview and trends - Harnessing collaboration and visibility: Seafood MAP - Certification in Asia: overview and trends - Organic aquaculture in Asia/Europe - Capacity-building schemes for small-scale fisheries and aquaculture - Supporting small-scale fish producers through market differentiation Paula Barbeito, SlowFood/SlowFish, Italy (pending) - Strengthening sustainable fish value chains through geographical indications

TITLE	Workshop on "Port Museum model" In the framework of the CIHEAM's 60th-anniversary event "Sustainable development of the coastal area and fisheries in the Mediterranean"
OFFERED/ MANAGED BY	CIHEAM Zaragoza with the support of the General Secretariat
START/END DATE	14TH of October, from 4.00 to 6.00 p.m. in Santa Pola at the Sea Museum, Castillo Fortaleza
CRITERIA OF ADMISSION	invitation
GENERAL DESCRIPTION	The first part of the meeting was dedicated to the illustration of the concept of the Port Museum as the experience of eco-musealization of a Mediterranean coastal territory starting from the theoretical basis of the concept of eco-museum and then illustrating the genesis, establishment, and structuring of the Port Museum of Tricase concrete example of Port Museum. The presentation was followed by a discussion among participants and the proposal to draw inspiration from the model of the Tricase Port Museum to implement the initiative in the territory of Santa Pola and on the island of Tabarca has been launched.
OBJECTIVES	- Exploring the characteristics of the Port Museum model as a good practice for the enhancement of coastal areas. - Sharing with a group of local stakeholders the model and methodology implemented by CIHEAM at the coastal area of Tricase Porto in the southern region of Puglia in Italy. - Conducting an initial review on the appropriateness of extending the Port Museum model to a wider Mediterranean network. - Collecting the willingness of the local community to collaborate in cooperation projects aimed at establishing a network of Mediterranean Port Museums.

TITLE	Workshop on "Women in fisheries in the Mediterranean region" In the framework of the CIHEAM's 60th-anniversary event "Sustainable development of the coastal area and fisheries in the Mediterranean"
OFFERED/ MANAGED BY	CIHEAM Zaragoza with the support of the General Secretariat
START/END DATE	14TH of October, from 4.00 to 6.00 p.m. at Casa Mediterraneo in Alicante
CRITERIA OF ADMISSION	invitation
GENERAL DESCRIPTION	The workshop consisted of two parts: a round table where the experts in the field tried to give an overview of the situation of women in the Mediterranean sectors of fisheries and aquaculture. During the open discussion that followed, participants agreed on the necessity of advocacy and support to give more visibility to women as part of the coastal community, through political dialogue, capacity building, and training on scientific and managerial aspects.
OBJECTIVES	To raise awareness on gender-differentiated participation in the development of the Mediterranean coastal zones, more specifically in fisheries and aquaculture sectors, and develop new concerted actions to improve gender equality and women's working and livelihood conditions.

PUBLICATIONS

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Zrncic S. (ed.). **Diagnostic Manual for the main pathogens in European seabass and Gilthead seabream aquaculture**. Zaragoza : CIHEAM, 2020. 172 p. (Options Méditerranéennes : Série B. Etudes et Recherches ; n. 75).
http://om.ciheam.org/om/pdf/b75/b75.pd

POLICY DIALOGUES

INITIATIVES HELD IN 2022

- **WORLD OCEANS DAY: REVITALIZATION: COLLECTIVE ACTION FOR THE OCEAN**
  Bari, 8 June 2022.

- **The FAO COFI Sub-Committee on Fish Trade has scheduled its 18th Session**
  (Virtually), June 2022.

- **The 31st Session of The European Inland Fisheries and Aquaculture Advisory Commission** (EIFAAC) Killarney, Ireland, 22-24 June.

- **The 35th Session of the FAO Committee on Fisheries (COFI)**
  Rome, 5-9 September 2022.

- **International Conference on "Sustainable development of coastal areas and fisheries in the Mediterranean", CIHEAM 60TH ANNIVERSARY EVENT**
  Alicante, 14 October 2022.

- **45th Session of the General Fisheries Commission for the Mediterranean**
  Albania, 14-18 November.

Sharing Knowledge,
Feeding the future

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